

Figure 1a

MDSEAFQSARDFLDMNFQSLAMKHMDLKQMELDTAAAKVDELTKQLES LWSDSPAPPGPQAGP
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 GSLDRATSPRPRAFDGAGSSSLGRAPSPRP GGPLRQQGPPTPFDFLGRAGSPRGSPPLAEGPQAFFPE
 RGPSRPPTATAYDAPASAFGSSLLGSGGSAFAPPLRAQDDLTLRRRPPKAWNESDL DVAYEKKPSQ
 TASYERLDVFARPASPSLQLLPWRESSLDGLGGTGKDNLTSA TLPRNYKVSPLASDRSDAGSYRR
 SLGSAGPSGTLPRSWQPVSRIPMPSSPQPRGAPRQRPILSMIFKLQNAFWHEGASRAMLP GSPLF
 TRAPPPKLQPQPQPQPQSQPQPQLPQPQTQPQTPTAPQHPQQTWPPVNEGPPKPPTLEPEPEI
 EGLLTPVLEAGDVDEGPVARPLSPTRLQPALPPEAOSVPELEEVARVLA EIPRPLKRRGSMEQAPA
VALPPTHKKOYQOISRLFHRHGGPGPGGPEPELSPITEGSEARAGPPAPAPPAPIPPAPSOSSPPEQ
POSMEMRSVLRKAGSPRKARRARLNPLYLLDAALTGELEVVOQAVKEMNDPSQPNNEEGITALH
NAICGANYSIVDFLITAGANVNSPDSHGWTPLHCAASCNDTVICMALVOHGAAIFATTLSDGATAF
EKCDPYREGYADCATYLADVEQSMGLMNSGAVYALWDYSAEFGDELSFREGESVTVLRDGPPE
TDWWWAALHGOEGYVPRNYFGLFPRVKPORSKV*

Figure 1b

CCACGCGTCCGGGAAGCCCCCAGGTGCCAGGATCTGCCCCGATCCGCGCCCCGCTCCGGCCGG
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 GGCCATGAAACACATGGATCTGAAGCAGATGGAGCTGGACACGGCGCGGCCAAGGTGGATG
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 GACCCCTTCTAGGCCGCCCCGGTACAGCTCCAGCTCGATCCCTGAGCCCTTCGGCAGCCGAG
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 CGCCAGCAGGGTCCCCCAAGCCTTTCGACTTCCTGGGCCGCGCAGGCTCCCCCGCGGCAGC
 CCCCTGGCGGAGGGGGCCCCAGGCCCTTCTCCCCGAGCGTGGGCCGTACCGCGCCCCCTGCC
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CCCGTCCAAAGTGCCTCCCATGCCTACCACCATCATCACATCCCCCAGCAAGCCAGCCACCTG
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ACTTTCCTTATAAATAAAAGTAGTTTGCACAGAAAAAAAAAAAAAAAAAAAA

Figure 2a

MWMKDPVARPLSPTRLQPALPPEAQSVPELEEVARVLAIEPRPLKRRGSMEQAPAVA
LPPTHKKQYQQIISRLFHRHGGPGPGGRSQCPSLRDLRPGQGPIILPHQLPFHRPAP
SQSSPPEQPQSMEMRSVLRKAGSPRKARRARLNPLVLLDAALTGELEVQQAQVKE
MNDPSQPNEEGITALHNAICGANYSIVDFLITAGANVNSPD SHGWTP LHCAASCNDT
VICMALVQHGA AIFATTLSDGATAFEKCDPYREGYADCATYLA DVEQSMGLMNSGA
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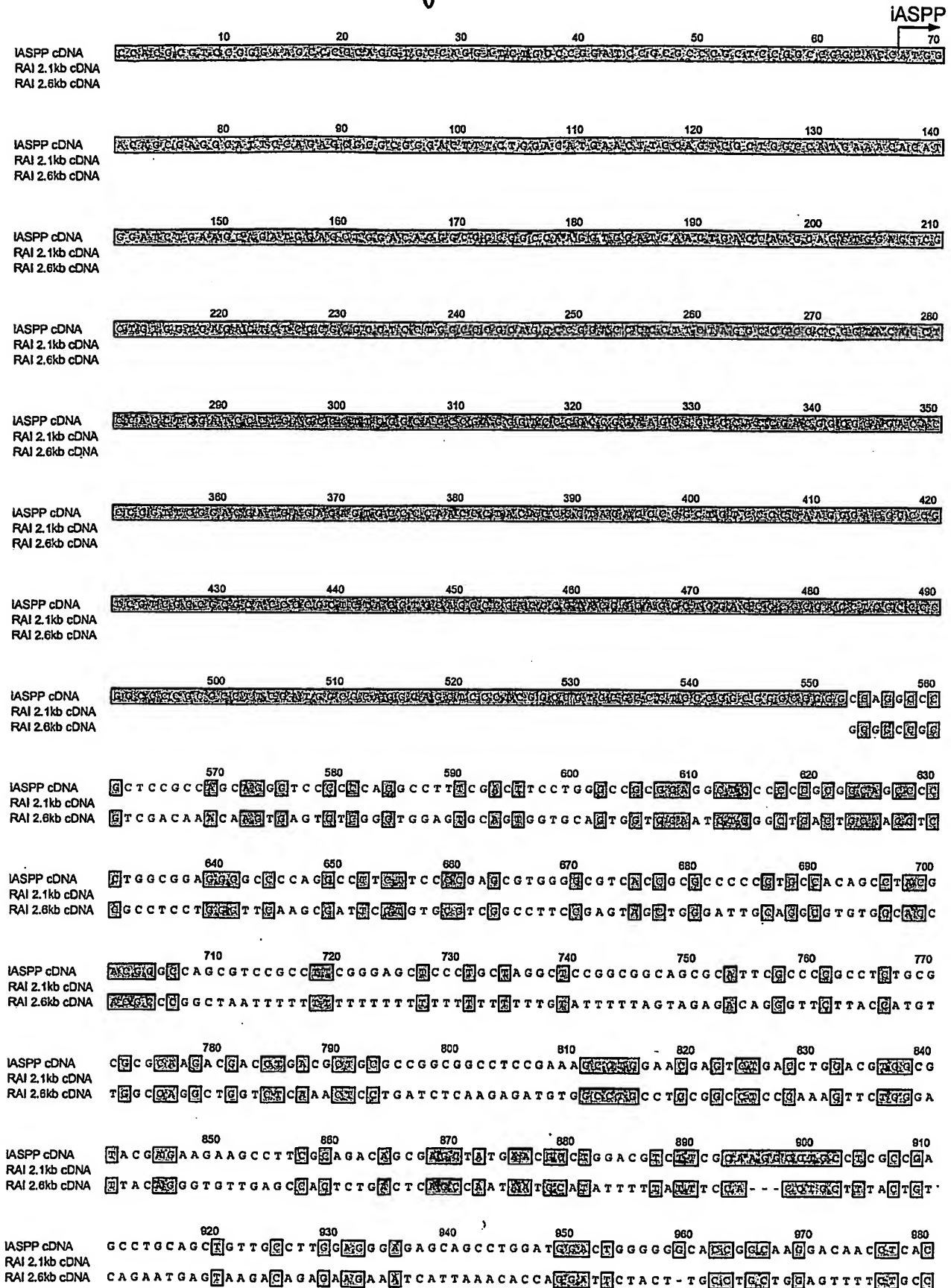
Figure 2b

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GCACGGGGCCAGCCGCG CCATGCTCCCTGGGTCCCCCTCTTACCCGAGCACCCCCCGCCTAAGCTG
CAGCCCCAACACAACCAACAGCCCCAGCCACAATACAACCACAGCCCCAGCTGCCCCAACAGCCCC
AGACCCAACCCAAACCCCTACCCAGCCTCCACATCCGCATCCCCAACAGACATGGCCCCCTGTG
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GCGCTG CAATCTTCGC CACCACGCTC AGCGACGGCG CCACCGCCTTCGAGAAGTGCGACCCCTTACC
GCGAGGGTTATGCTGACTGCGCCACCTACCTGGCAGACGTCGAGCAGAGTATGGGGCTGATGAACA
GCGGGGCAGTGTACGCTCTCTGGGACTACAGCGCCGAGTTCGGGGACGAGCTGTCTTCCGCGAGGG
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ACCTCTC CCTCTGTTTTTTGCTGCCTT TATCTGCACC CCTCACCCTG CTGGTGGTGG TCCTTGCCAC
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CTGCCCAGCCGGGCTGGGATGGGCCACCACACCACTGGATATTCTGGGAGTCACTGCTGACACCA
TCTCTCCAGCAGTCTTGGGGTCTGGGTGGGAAACATTGGTCTCTACCAGGATCCCTGCCCCACCTCT
CCCCA ATTAAGTGCC TTCACACAGC ACTGGTTTAATGTTTATAAA CAAAATAGAG AAAGTGGTTT
AATGTTTATA AACAAAATAG AGAAACTTTCGCTTATAAAT AAAAGTAGTT TGCACAGAAA
TGAAAAAAAA AAAAAAAAAA AAAAAA

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Figure 3.2



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IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 2020 2030

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2040 2050 2060 2070 2080 2090 2100

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2110 2120 2130 2140 2150 2160 2170

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2180 2190 2200 2210 2220 2230 2240

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2250 2260 2270 2280 2290 2300 2310

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2320 2330 2340 2350 2360 2370 2380

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2390 2400 2410 2420 2430 2440 2450

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2460 2470 2480 2490 2500 2510 2520

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2530 2540 2550 2560 2570 2580 2590

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2600 2610 2620 2630 2640 2650 2660

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2670 2680 2690 2700 2710 2720 2730

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2740 2750 2760 2770 2780 2790 2800

IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2810 2820 2830 2840 2850 2860 2870

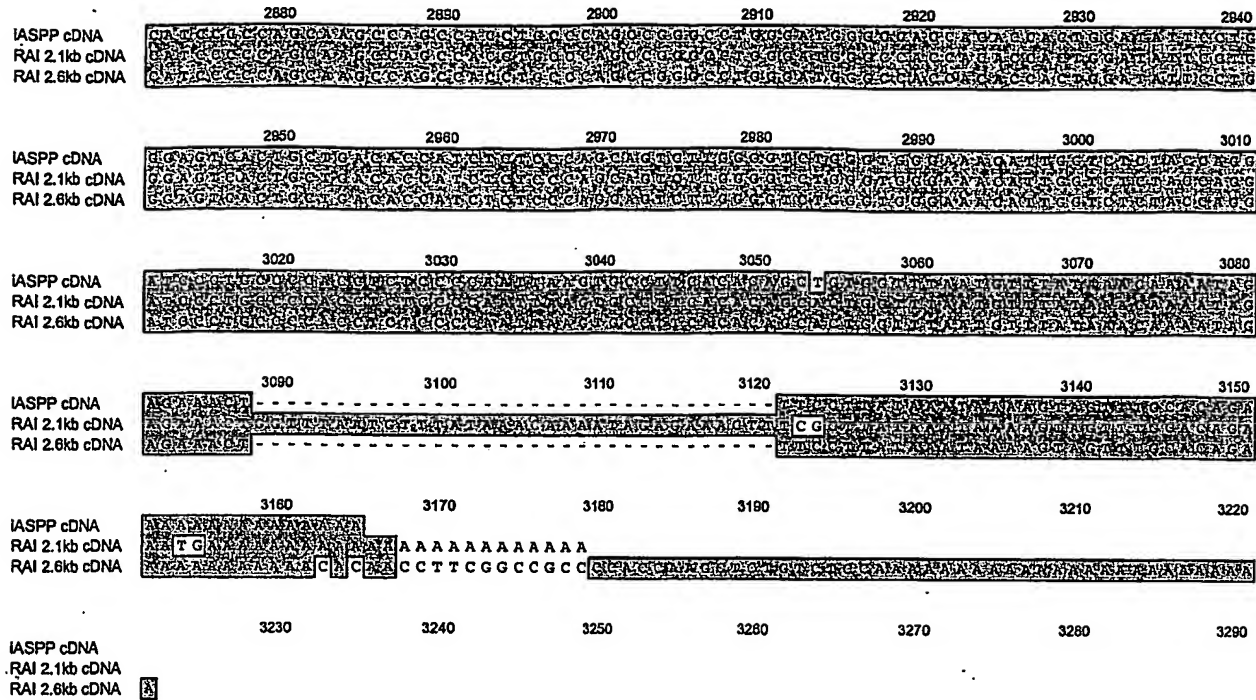
IASPP cDNA
 RAI 2.1kb cDNA
 RAI 2.6kb cDNA

2880 2890 2900 2910 2920 2930 2940 2950 2960 2970 2980 2990 3000

stop

7/16

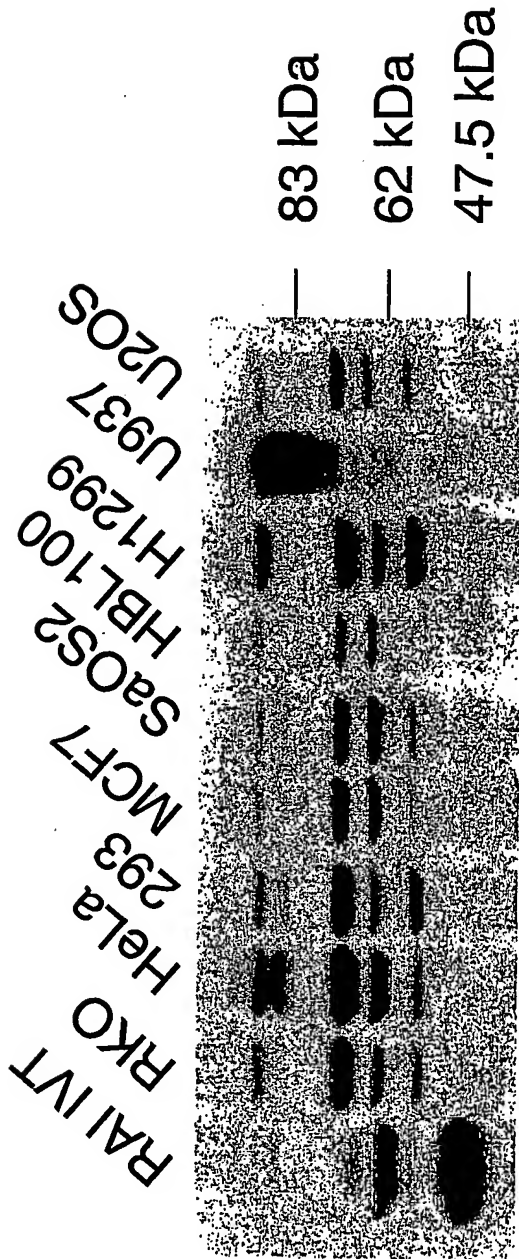
Figure 3.5



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Figure 4a

Expression of iASPP in various cell lines



Antibody = LX049.3

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Figure 4B

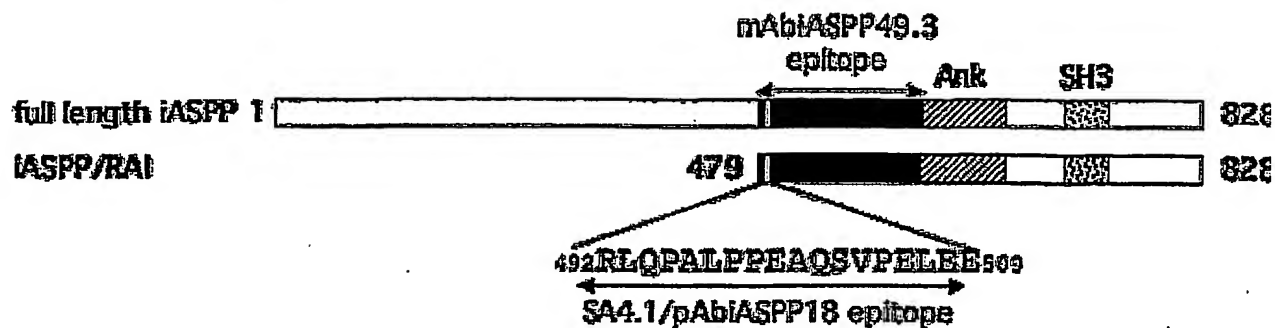


Figure 4C

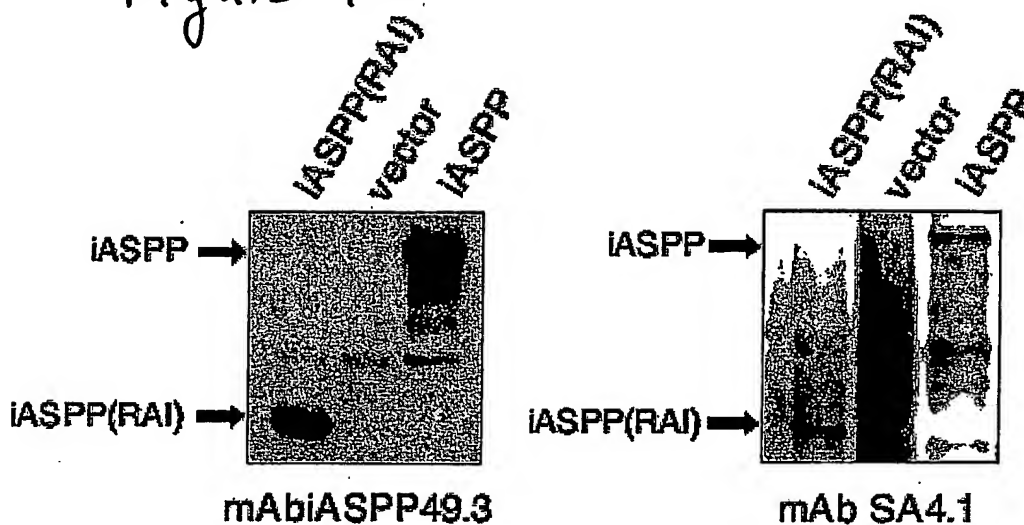
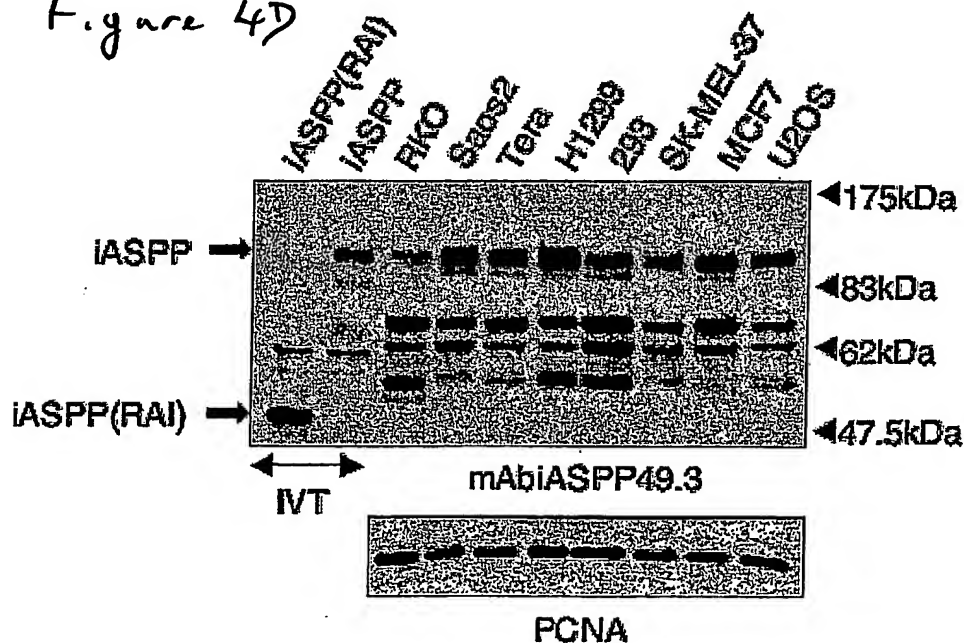
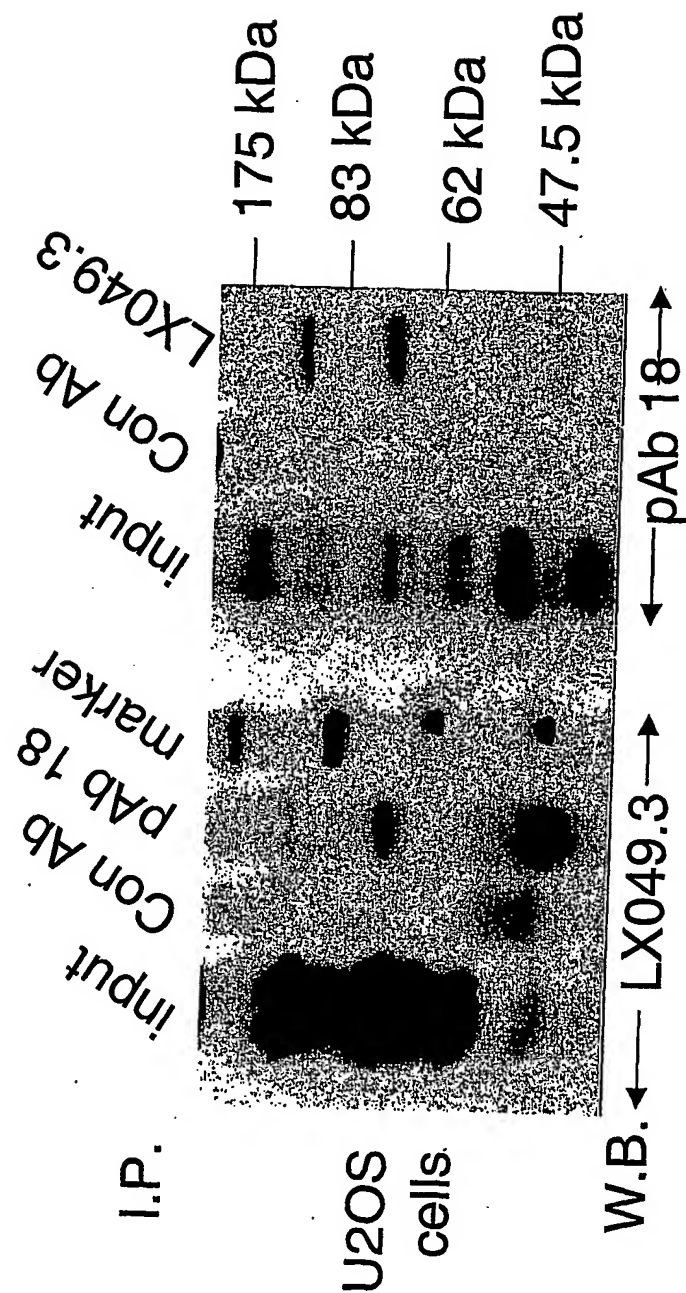


Figure 4D



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iASPP - I.P./Western blot



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Effect of cell density and MG132 upon iASPP expression in U2OS cells

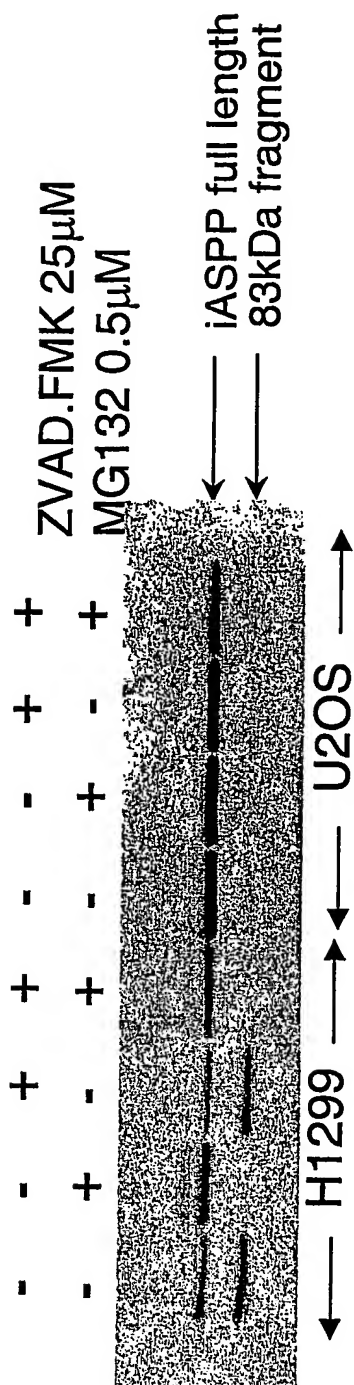


Figure 6a

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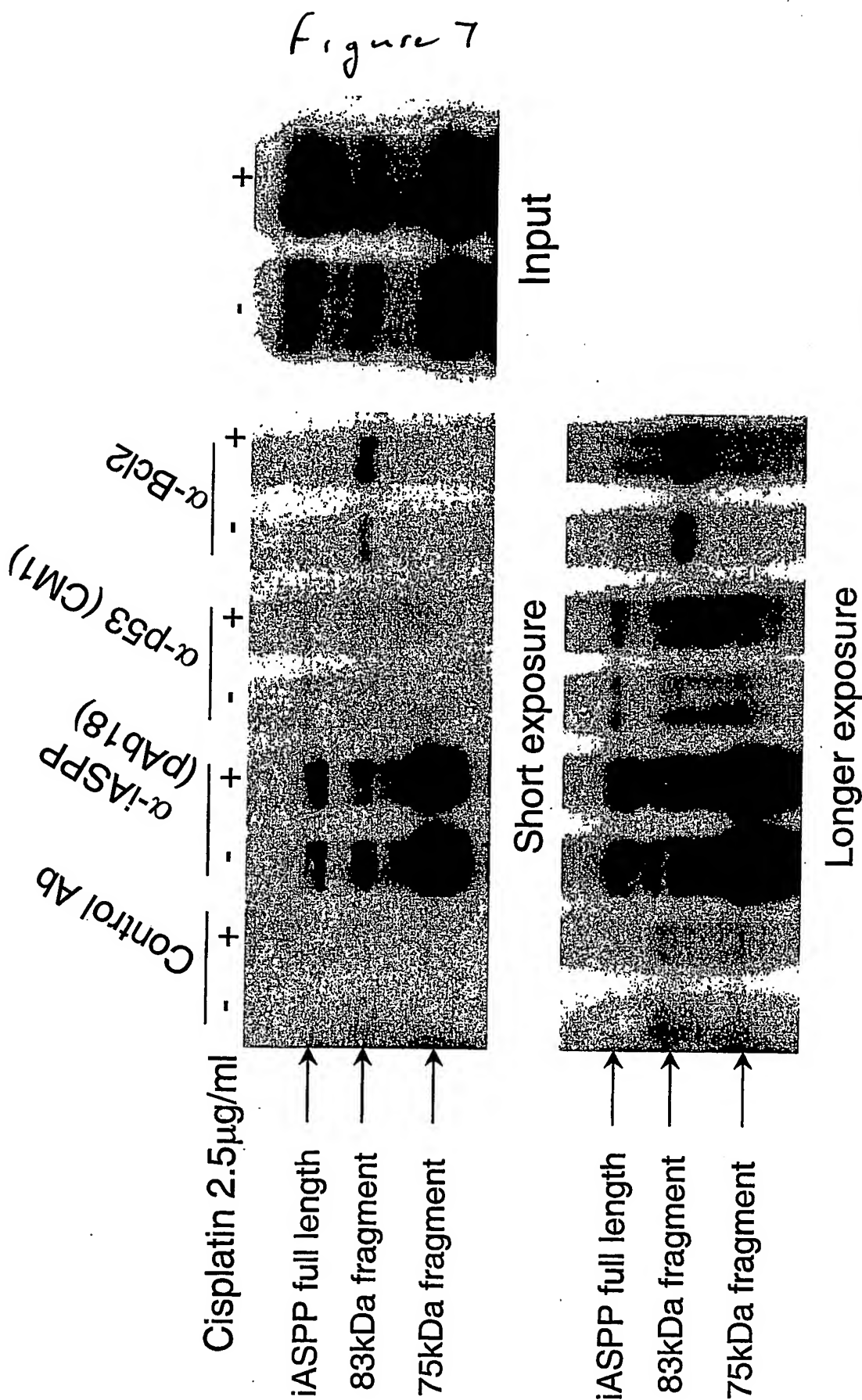
Figure 6b

Effect of MG132, Z-VAD.FMK upon iASPP



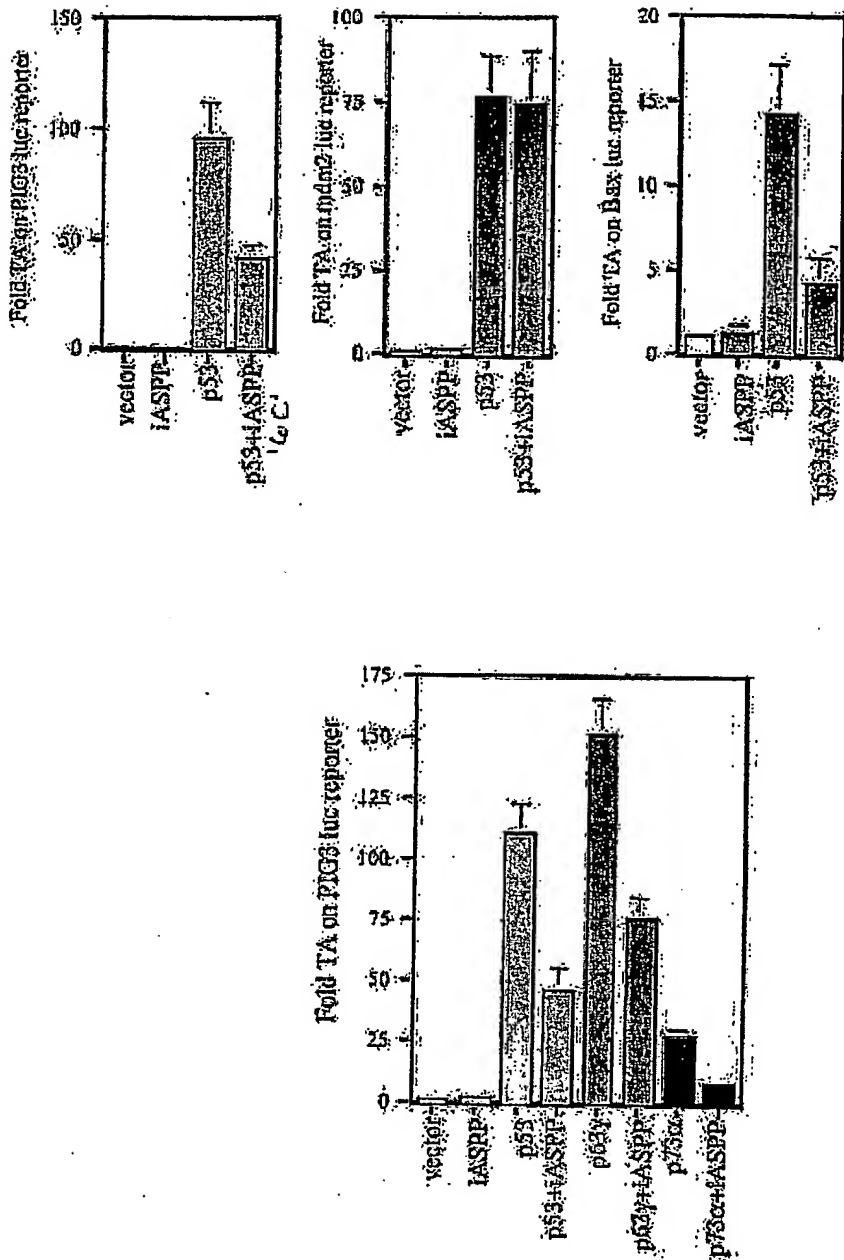
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Interaction of iASPP with p53 and Bcl2 in U2OS cells



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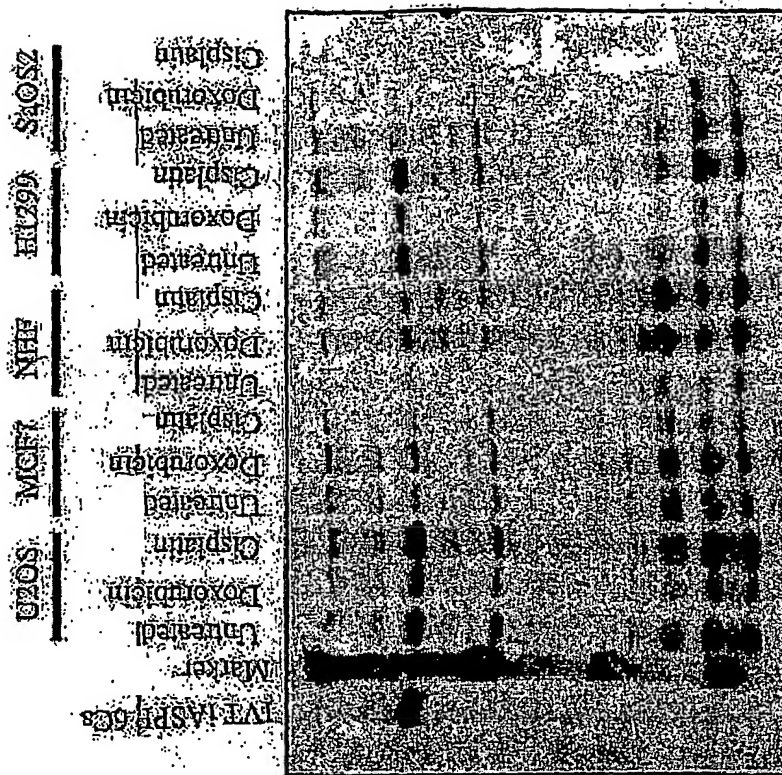
Figure 8



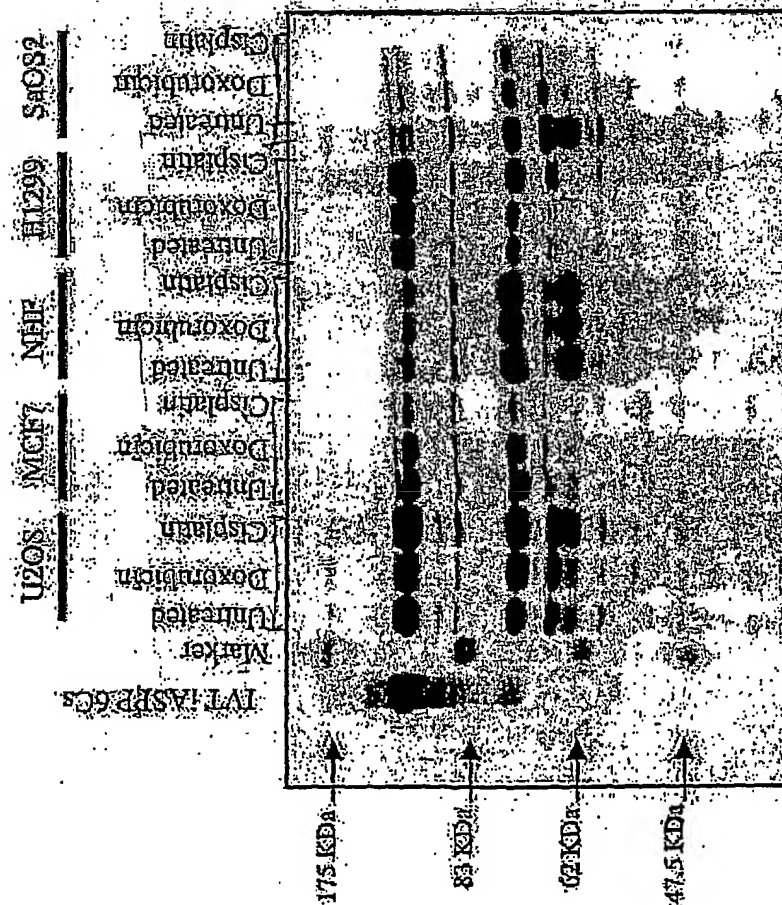
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Figure 9

iASPP pattern in five different cell lines



Cell lysates were detected with the monoclonal antibody SA42



Cell lysates were detected with the monoclonal antibody SA42

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